

Hollinger Public Blast Report

Blast Pattern: 3316_066
Date: 3-Jun-21
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 23,950 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 17
Wind Direction: SW
Temperature: 23.1 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extencicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	56.5 LAeq	108.1 dB
Edwards:	57.1 LAeq	111.9 dB
Fred:	47.7 LAeq	107.1 dB
Hollinger Office:	56.5 LAeq	110.2 dB
Noah:	60.6 LAeq	114.8 dB
Sandy:	49.6 LAeq	108.3 dB
Water Tower:	53.7 LAeq	117.1 dB
Wilson:	51.5 LAeq	109.7 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.9	3.5	23.1	25.0
Edwards:	17.1	20.5	21.9	30.4
Hollinger Office:	22.1	24.7	38.6	48.6
Sandy:	13.2	18.6	21.5	31.6

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.7	1.1
Edwards:	4.1	6.4
Hollinger Office:	9.7	13.7
Sandy:	1.6	1.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.7
Edwards:	0.2	0.1	0.1
Hollinger Office:	0.7	0.4	0.7
Hollinger West:	0.3	0.1	0.3
Imerys:	1.3	0.9	0.1
Noah:	0.8	0.7	1.1
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.5	0.3	0.5
Water Tower:	0.6	0.3	0.6
Wilson:	0.7	0.5	0.7